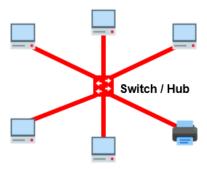
Homework 1 Structure of the internet

1.	Webpages are accessible by typing a URL into the address bar of a web browser, for example http://theimportanceofhomework.co.uk/hourseverynight.html		
	a.	Using the example explain what the components of a URL are.	[3]
	b.	State what the Top Level Domain (TLD) is for this address	[1]
	C.	URLs rely on DNS. Explain how this system is used to determine the destination IP addresses of the required resource.	[3]
	d.	Traditionally top-level domains were based on countries. As the Internet expanded there have been several more top-level domains added.	has
		How do local DNS servers know when new top-level domains are added?	[4]
	e.	Describe how the Internet and the World Wide Web are different	[4]

Homework 1 Structure of the internet OF PG ONLINE Unit 5 Networks and web technologies

2. What physical network topology is shown in the diagram below? [1]



3. Describe two advantages of using a star over a bus network topology. [4]

[Total 20 Marks]